

TIRE HAVING EXPANDABLE TREAD PORTION

Abstract of the Disclosure

5 A tire structure including a secondary chamber formed between a tire casing
and road engaging tire tread. A first air passage provided from the tire interior to
the secondary chamber and a second air passage through a side wall of the tire
casing substantially adjacent a bead portion of the tire. An air line extends between
the two air passages and is bonded to the interior side wall of the casing, and a valve
unit associated with said second passage to provide controlled air inlet and relief to
10 said chamber.